

SAFETY DATA SHEET

1st Edition: 21 Nov 2007
5th Edition: 16 Nov 2016

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

Product name: Hematology calibrator
Product code: MEK-CAL
Supplier: Nihon Kohden Corporation
Address: 1-31-4 Nishiochiai, Shinjuku-ku, Tokyo 161-8560, Japan
Telephone number: +81 3-5996-8036
Fax: +81 3-5996-8100
Website for contact: <http://www.nihonkohden.com/contact/intl.html>
Emergency telephone number: 1-800-424-9300; CHEMTREC (US)
613-996-6666; CANUTEC (Canada)
+81 3-5996-8022 (Outside US and Canada)
Recommended use and restrictions on use: Calibrator for Nihon Kohden hematology analyzer

Section 2 – Hazards Identification

GHS classification: Not applicable
GHS label elements:
Pictograms or hazard symbols: None
Signal word: None
Hazard statement:
Risk: No risk of fire or explosion.
Harmful effect: No irritation if the product adheres to skin or mucous membrane (eyes, nose or throat).
Route of exposure: Inhalation, ingestion, skin contact

Section 3 – Composition/Information on Ingredients

Substance/mixture: Mixture
Composition:

Chemical Name	EINECS No.	CAS No.	Composition (%)
Human or animal sourced material	268-338-3	—	90 to 100%
Preservative or other non-hazardous component	—	—	0 to 10%
Sodium azide (NaN ₃)	—	26628-22-8	0.1%

Hazardous ingredients: None

Section 4 – First Aid Measures

Inhalation: This product is nonvolatile. No risk of inhalation.
Skin contact: Immediately wash with soap and running water and see a physician.
Eye contact: Wash thoroughly with running water and see a physician.
Ingestion: Wash inside mouth thoroughly with water, drink a lot of water, try vomiting the product, and see a physician.

Section 5 – Fire-fighting Measures

Extinguishing media: Water, powder extinguisher, foam extinguisher
Specific hazards: The product is nonflammable, but when fire occurs, immediately remove the product away from fire.

Section 6 – Accidental Release Measures

Personal precautions, handling accidental leakage of the product and wearing protection:

When handling accidental leakage of the product, wear protection such as rubber gloves.

Environmental precautions:

Do not drain the product into public drainage or waterway.

Methods and materials for containment and cleaning up:

Clean with domestic detergent (about 5% sodium hypochlorite), wipe with a disposable towel and dispose of the used towel as medical waste.

Section 7 – Handling and Storage

Precautions:

Only use the product in specified facilities and procedures.

Do not inject or drink the product.

When dispensing, use mechanical pipetting device. Do not pipette by mouth.

Wear protection such as rubber gloves.

Safe handling advice:

Although it is proved that there is no risk of infection of the product (negative on HBs antigen, HCV antibody and HIV antibody), there may be an unknown infection.

Pay due consideration to the unknown infection and wear protection such as rubber gloves.

Storage:

Storage conditions:

Store at temperatures between 2 and 8°C (36 and 46°F). Do not freeze.

Packing material:

Glass or plastic

Section 8 – Exposure Controls/Personal Protection

Engineering measures:

Washing and drainage. No need for special ventilation system.

Personal protective equipment:

Wear protective goggles, rubber gloves and overalls.

Section 9 – Physical and Chemical Properties

Appearance (physical state, color etc.):

Physical state:

Liquid

Color:

Dark red

Odor:

Blood smell

pH:

7.0 to 9.0

Solubilities:

Dissolves in water.

Auto-ignition temperature:

Does not self-ignite.

Section 10 – Stability and Reactivity

Stability:

Stable when stored at temperatures between 2 and 8°C (36 and 46°F), until expiration date.

Incompatible substance:

Metal or metallic compound (The product includes 0.1% of sodium azide.)

Possibility of hazardous reactions:

Explosive substance is created when sodium azide comes in contact with metals.

Section 11 – Toxicological Information

No data

Section 12 – Ecological Information

No data

Section 13 – Disposal Considerations

Waste of the remainder:

Dispose of the product according to your local laws and your facility's guidelines for waste disposal.

Pollution container and wrapping:

Dispose of the product according to your local laws and your facility's guidelines for waste disposal.

Section 14 – Transport Information

UN Number:	None
DOT regulation: Hazard class:	None
Land transeport ADR/RID (cross-border):	Not regulated.
Maritime transeport IMDG:	Not regulated.
Marine pollutant:	No
Air transport ICAO-TI and IATA-DGR:	Not regulated.
Transport/Additional information:	Not dangerous according to the above specification.

Section 15 – Regulatory Information

None

Section 16 – Other Information

References
OSHA Bloodborne Pathogens Standard (29 CFR Part 1910, 1030)

This data sheet is complete and accurate to the best of our knowledge but all information may not be covered. Any product may contain unknown harmful substances. This product must be handled carefully and used under the responsibility of the user, taking appropriate safety measures.